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WHAT IS CLAIMED IS:

A method of manufacturing an image display apparatus, comprising

a step of seal-bonding a first member having an electron-emitting device and a second member having a phosphor which is irradiated with an electron emitted from the electron-emitting device to emit light in a seal bonding chamber in which a vacuum atmosphere is realized.

wherein a step for aging the electron-emitting device is performed before the step of seal-bonding.

- 2. A method according to claim 1, wherein, after the aging step is performed, without exposing the electron-emitting device to an external environment, the step of seal-bonding is performed.
- 3. A method according to claim 1, wherein the aging step is performed under a condition that a pressure of not more than 1 \times 10⁻⁴ Pa is set in a region where the electron-emitting device exists
- A method according to claim 3, wherein, after the aging step is performed, a pressure of
 substantially not more than 1 x 10⁻⁴ Pa is maintained in the region where the electron-emitting device exists until an isolated space is formed between the first and

second members in the seal bonding step.

- 5. A method according to claim 1, wherein the aging step is performed while a partial pressure of an organic substance in the region where the electron-emitting device exists is set at not more than 1×10^{-6} Pa.
- 6. A method according to claim 5, wherein, after the aging step is performed, a partial pressure of an organic substance in the region where the electron-emitting device exists is maintained at substantially not more than 1 x 10⁻⁶ Pa until an isolated space is formed between the first and second members in the seal bonding step.
 - 7. A method according to claim 1, wherein the aging step comprises the step of applying a voltage to the electron-emitting device.

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- 8. A method according to claim 7, wherein, in the step of applying the voltage, a value of the voltage is larger than a normal driving voltage value applied to the electron-emitting device at an image display operation.
 - 9. A method according to claim 7, wherein the

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aging step comprises the step of causing the electron-emitting device to emit an electron.

- 10. A method according to claim 1, further

 5 comprising the panel getter step performed between the aging step and the seal bonding step.
 - 11. A method according to claim 1, further comprising the electron beam cleaning step conducted before the aging step.
 - 12. A method of manufacturing an image display apparatus, comprising

the step of seal-bonding a first member having a plurality of electron-emitting devices and a second member having a phosphor which is irradiated with an electron emitted from the electron-emitting device to emit light in a seal bonding chamber in which a vacuum atmosphere is realized,

- wherein, before the step of seal-bonding, the characteristic adjustment step of selectively adjusting characteristics of the plurality of electron-emitting devices is performed.
- 25 13. A method according to claim 12, wherein, after the characteristic adjustment step is performed, without exposing the electron-emitting device to the

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atmosphere, the step of seal-bonding is performed.

- 14. A method according to claim 12, wherein the characteristic adjustment step is performed under a condition that while a partial pressure of an organic substance in the region where the electron-emitting device exists is set at not more than 1×10^{-6} Pa.
- 15. A method according to claim 12, wherein, the characteristic adjustment step comprises the step of applying a voltage to the electron-emitting device.
 - 16. A method according to claim 15, wherein in the step of applying the voltage, a value of the voltage is larger than a normal driving voltage value applied to the electron-emitting device at an image display operation.
- 17. A method according to claim 15, wherein the characteristic adjustment step comprises the step of causing the electron-emitting device to emit an electron.
- 18. A method according to claim 12, further

 comprising the panel getter step performed between the characteristic adjustment step and the seal bonding step.

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- 19. A method according to claim 12, further comprising the electron beam cleaning step performed before the characteristic adjustment step.
- 20. A method of manufacturing an image display apparatus, comprising

a step of seal-bonding a first member having an electron-emitting device and a second member having a phosphor which is irradiated with an electron emitted from the electron-emitting device to emit light in a seal bonding chamber in which a vacuum atmosphere is realized.

wherein before the step of seal-bonding, the voltage application step of applying a voltage to the electron-emitting device subjected to the activation step is performed.

- 21. A method of manufacturing an image display apparatus, comprising
- the step of seal-bonding a first member having an electron-emitting device and a second member having a phosphor which is irradiated with an electron emitted from the electron-emitting device to emit light in a seal bonding chamber in which a vacuum atmosphere is realized,

wherein, before the step of seal-bonding, the voltage application step of applying a voltage to the

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electron-emitting device having carbon and/or a carbon compound at electron-emitting portion and/or near an electron-emitting portion is performed.

22. A method according to claim 20, wherein, after the voltage application step is performed, without exposing the electron-emitting device to the atmosphere, the step of seal-bonding is performed.

23. A method according to claim 20, wherein the voltage application step is performed under a condition that a partial pressure of an organic substance in the region where the electron-emitting device exists is set at not more than 1×10^{-6} Pa.

24. A method according to claim 20, wherein, in the voltage application step, a value of the voltage is larger than a normal driving voltage value applied to the electron-emitting device at an image display operation.

- 25. A method according to claim 20, wherein the voltage application step comprises the step of causing the electron-emitting device to emit an electron.
- 26. A method according to claim 20, further comprising the panel getter step performed between the

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voltage application step and the seal bonding step.

- 27. A method according to claim 20, further comprising the electron beam cleaning step performed before the voltage application step.
- 28. A method of manufacturing an image display apparatus, comprising

the step of seal-bonding a first member having an electron-emitting device and a second member having a phosphor which is irradiated with an electron emitted from the electron-emitting device to emit light in a seal bonding chamber in which a vacuum atmosphere is realized,

wherein, before the step of seal-bonding, the voltage application step of applying, to the electron-emitting device, a voltage having a voltage value larger than a normal driving voltage value applied to the electron-emitting device at an image display operation is performed.

- 29. A method according to claim 28, further comprising the panel getter step performed between the voltage application step and the seal bonding step.
- 30. A method according to claim 28, further comprising the electron beam cleaning step performed before the voltage application step voltage.

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